

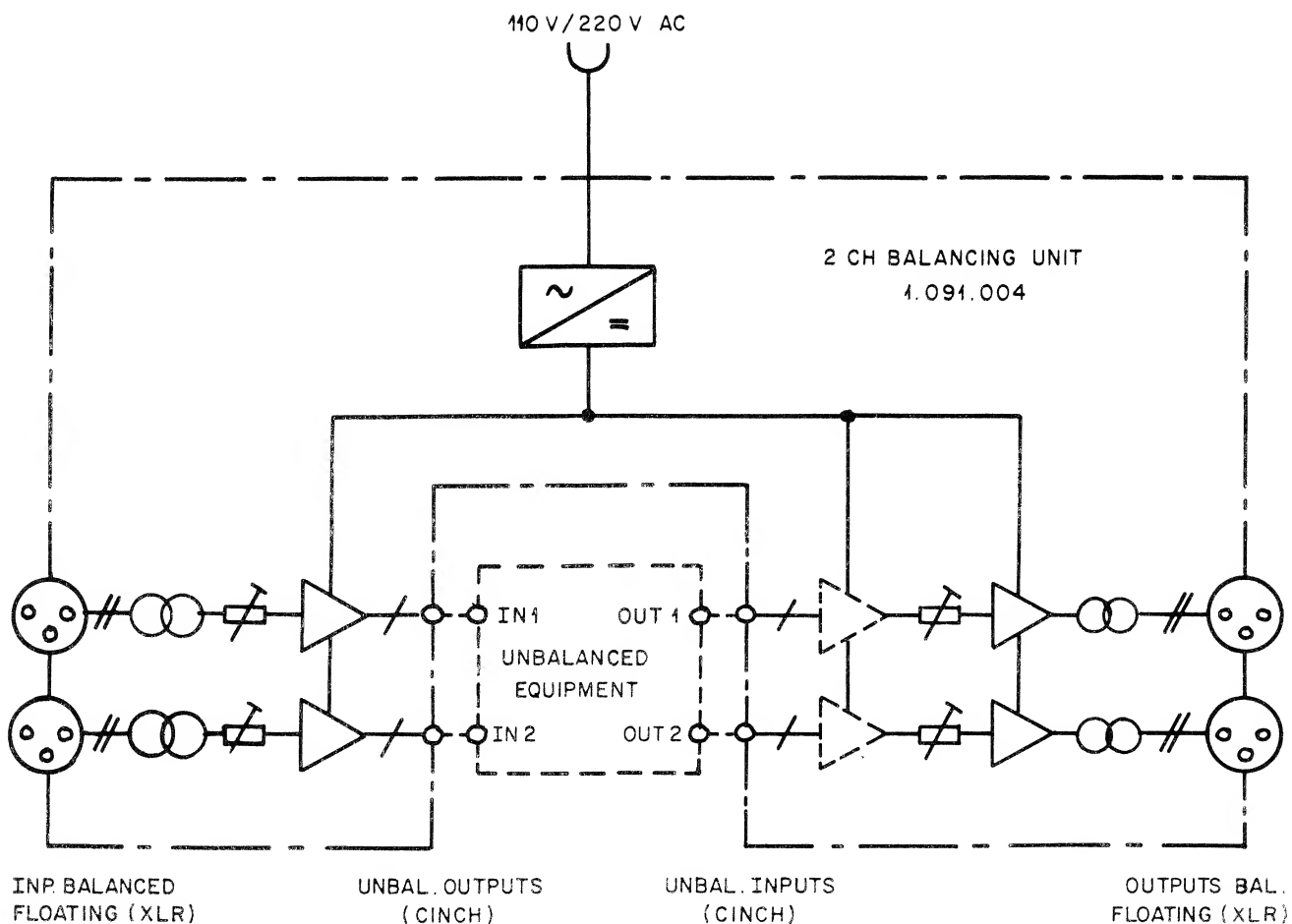
## PRODUCT INFORMATION 16/77<sub>E</sub>

2 CH - BALANCING UNIT  
(1.091.004)

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1.091.004

### Block Diagram



### TECHNICAL DESCRIPTION

The stereo balancing unit 1.091.004 is used to change an unbalanced audio equipment (e.g. semi professional equalizers -limiter/compressors, -tape recorders, -cassette recorders and so on) into an equipment with balanced and floating line in- and outputs.

The circuit, including a power supply, is housed in a cabinet of approx. 205 x 140 x 75 mm.

(A rack mounting kit (19" x 88 mm) for two units 1.091.004 is available on request.)

All balanced in- and outputs are equipped with XLR-type connectors and all unbalanced in- and outputs with phono sockets (cinch).

## PRELIMINARY TECHNICAL DATA

(0 dBu  $\hat{=}$  0,775 V)

Balanced and floating in- and outputs:

- Input impedance  $>$  5 kOhm
- Max. input level (line level) +21 dBu
- Output impedance  $\leq$  50 Ohm
- Max. output level (line level) (200 Ohm load) +20 dBu
- Max. output level (line level) (600 Ohm load) +21 dBu

Unbalanced in- and outputs:

- Output impedance  $\leq$  100 Ohm
- Min. load ( $\hat{=}$  input impedance of unbalanced equipment)  $>$  1 kOhm
- Output level: ( $\hat{=}$  input level of unbalanced equipment) adjustable between line level and 30 dB below line level, max level +15dBu
- Input impedance ( $\hat{=}$  load of unbalanced equipment)  $>$  5 kOhm (higher impedance on request)
- Input level ( $\hat{=}$  output level of unbalanced equipment) adjustable between line level and 15 dB below line level (15 ... 30 dB below line level with an additional plug-in amplifier (optional) )

The unbalanced equipment has to meet the following requirements:

- Input impedance  $>$  1 kOhm
- Input level: between line level and 30 dB below line level
- Min. output load: 5 kOhm
- Output level: between line level and 15 dB below line level (for 15 ... 30 dB below line level, an additional plug-in amplifier in 1.091.004 is necessary)
- Price sFr. 760.-

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